



PATENT

Docket No.: 176/60581 (1-11027-845)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Ray et al.

Serial No. : 09/590,968

Cnfrm. No. : 2086

Filed : June 9, 2000

For : GENE ENCODING SHORT INTEGUMENTS)
AND USES THEREOF

Examiner:
J. Zara

Art Unit:
1635

RECEIVED

APR 15 2003

AMENDMENT UNDER 37 C.F.R. § 1.116

TECH CENTER 1600/2900

U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202
Box: AF

Dear Sir:

In response to the January 8, 2003, office action, please amend the above-identified patent application as follows:

In The Claims:

Please cancel claims 5, 6, 11, 13, 15, 19, 21, 23, and 25.

Please amend claims 1, 2, and 3 as follows:

1. (Amended) An isolated nucleic acid molecule encoding a short integuments1 protein, wherein the nucleic acid molecule either: 1) has a nucleotide sequence of SEQ ID NO: 1 or 2) encodes a protein having an amino acid sequence of SEQ ID NO: 2.

2. (Amended) An isolated nucleic acid molecule according to claim 1, wherein the nucleic acid molecule encodes a protein having an amino acid sequence of SEQ ID NO: 2.